

# METHOD FOR DECIMATING IMAGE DATA FILTERED BY A BAYER PATTERN COLOR FILTER ARRAY

## Abstract

A method for decimating a first image data filtered by a Bayer pattern color filter array. The first image data includes a plurality of patterns arrayed in a matrix. Each pattern includes a first color pixel. The method includes providing first color pixel weighting values of the plurality of patterns of the first image data, and summing up the first color pixel weighting values to generate a first color pixel of a second image data decimated from the first image data.